



### 1<sup>st</sup> Preparatory

# Questions

#### Question 1: Put (V) or (x):

1)	) Computer is used in the activities requiring thought or creativity.		)	
2)	2) Computers are used to record patient records and to perform medical researchers. ( )			
3)	3) Distant learning "E- learning" means that the computer explains the subjects for the			
	students via internet and through the educational storing methods as CD.	(	)	
4)	The "processing operation" is to perform arithmetic or logical operations.	(	)	
5)	The use of the computer helps the doctors in diseases diagnosis.	(	)	
6)	The computer can store different types of data.	(	)	
7)	7) The personal computer (IBM) can use Macintosh's operating system that they are			
	compatible together.	(	)	
8)	Laptop speed is much faster than the office computer.	(	)	
9)	PDA is a computer whose speed is less than pc but it is more expensive than pc.	(	)	
10) Personal data assistant is called "Mainframe". ( )			)	
11	) Computer viruses develop continuously and become more dangerous than before	. (	)	
12) The utility programs are responsible for administrating all the computer tasks as				
	administrating the work on the disks and files.	(	)	





13) The software is the intermediate which delivers the users orders and requests to	o the
computer hardware to understand and perform them.	( )
14) Databases programs are used in the arithmetic equations and in displaying data	in
graphs.	( )
15) There are programs for preparing the databases and others for writing letters as	nd text
but there aren't programs for audio or video playing.	( )
16) The programmers create the programs according to the specifications which the	2
computers programs engineers and systems analyzers had put.	( )
17) From the processes that may be called processing are classifying-calculating-sto	ring-
comparing and summarizing.	( )
18) Logic and arithmetic unit is used in controlling the data flow among the differen	it parts
of the computer.	( )
19) CPU is called the (thinking part) in the computer.	( )
20) It is possible to use data before or after processing it.	( )
21) The storing and retrieving processes of data can be done after processing it.	( )
22) When the electricity disconnects while running the computer, RAM save the dat	ta in it
and nothing is lost.	( )
23) Memory unit is divided into RAM and ROM.	( )





24) Hyperlink is connected to the information pages only and can't be connected to the			
multimedia files as audio and video.	( )		
25) The image can be a hyperlink that one image can lead us to different URLs by dividing	ng it		
into arts and that is called "image map".	( )		
26) "WWW" is considered as a little part of the internet and the both aren't the same.	( )		
27) The web is a connection of two or more computers that should be in the same place	e.( )		
28) The site may contain several URLS.	( )		
29) The computer is useful in dangerous situations.	( )		
30) The data can be letters only.	( )		
31) A file is a set of data that has been given a name.	( )		
32) The Human ware refers to the staff that develops software only.	( )		
33) The software is a set of instructions that order the computer to perform tasks.	( )		
34) The monitor is considered hardware.	( )		
35) The man is better than the computer in repetitive tasks.	( )		
36) A computer can be used in connecting with other institutes or schools.	( )		
37) A complete computer system is formed of two parts Hardware and Software.	( )		
38) The computer manages the borrowing of books inside libraries.	( )		
39) A computer used in mathematical calculation better than man.	( )		





40) A computer used for sending messages to others by E-ma	ail at home.	( )
41) A computer is not used in shops.	(	( )
42) A computer can be used to make a scientific research.	(	( )
43) A computer processes data & gives us information.	(	( )
44) A computer is used in hospitals and libraries.	(	( )
45) A computer has better performance when the more RAM	l used.	( )
46) The Internet is the largest computer network.	(	( )
Question 2: Write the scientific term of:		
1) Computer designed by IBM in 1981.	()	
2) Computer uses a different operating system and hardware	and software different fro	m
IBM computers.	()	
3) Computer that can run by electricity or batteries.	()	
4) Computer that can support many users at the same time a	nd is used in organizations	and
institutes.	()	
5) Organized instructions which show the computer the requi	ired tasks and when where	to
perform them.	()	
6) A group of programs that may cause a problem for the con	nputer. (	)





7) A program that makes address books and mailing lists.	()			
8) A program that tells the computer what to do, how and w	/hen.()			
9) A group of programs, their task is to protect computer fro	om viruses. ()			
10) Is the raw material for information and consists of raw f	acts that can be organized into			
files.	()			
11) Is the result of data processing process?	()			
12) Type of memory and when the computer is turned off, a	ıll data is lost. ()			
13) They create the programs that we use.	()			
14) Unit in which data processing is done.	()			
15) Is one or more web page that relate to a common subject	15) Is one or more web page that relate to a common subject. ()			
16) Programs used to view web pages on the World Wide Web. ()				
17) Indicates where the web page is stored on the internet. ()				
18) A big collection of electronic documents stored on computers called "servers".()				
19) An electronic document written in a computer language called HTML and can contain				
text, graphics.	()			
20) Methods which help in reaching the desired information easily from the internet.				
21) It is the brain of the computer.	()			
22) An example of an output Unit.	()			





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23) Letters, numbers, pictures, and sound.	()
24) A set of instructions that order the computer to perform	n tasks. (
25) A central computer attached to a network where users	on the network can save thei
files and information.	()
26) The Operating System used by PC.	()
27) An input unit used for playing games.	()
28) A big and expensive printer like the photocopier.	()
29) Small and cheap printers.	()
30) An example of Software.	()
31) Formed of web browser, connection to ISP, Server.	()
32) One or more WebPages.	()
33) The Software used to access the World Wide Web.	()

#### **Question 3: Choose the correct answer:**

- 1) A monitor is an example of (hardware software).
- 2) The person responsible for developing software is called (Producer programmer).
- 3) The software (can can't) be touched.
- 4) (Macintosh Mainframe) computer has different operating system than PC.





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- 5) The capacity of PDA is (smaller the same bigger) than PC.
- 6) A (Server Macintosh) is a central computer attached to a network.
- 7) The Macintosh computer costs (more less) than PC.
- 8) A Complete Computer System consists of (hardware software Data and Information Humanware all of them)
- 9) The (RAM ROM) is temporary storage.
- 10) The Hardware is the (touchable untouchable) parts.
- 11) A Byte is formed of (8-9) bits.
- 12) Gigabyte equals (1024 1042 1000) Megabyte.

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#### **Question 4: Complete the following**

1)	Data consists of,,,
2)	Data may be in the form of,, ,
3)	A file is
4)	Human ware refers to staff who deals with the computer and perform the following:
	,
5)	are processed data and can be used in the decision making.
6)	Computer system consists of four main parts which are,





7)	Printer is fromunits
8)	Computer processor is known as
9)	Computer components can be divided into
10)	The device that can be used as output unit and input unit at same time is
11)	is used to input drawing and pictures to the computer .
12)	We can by use to control the indicator without using the mouse.
13)	is used in printing the complex designs and big pictures.
14)	1 GB equalsMB.
15)	is from data storing units and is used in the digital cameras and mobiles.
16)	Software is divided into
17)	Software is responsible for
18)	Spread sheets do the following:
19)	is a program which deals with the text and pictures files on the internet
	and it is possible to print some texts and pictures by it sometimes.
20)	Byprograms, the disks can be formatted before using them in storing data.



### Computer



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#### **Question 5: Write INPUT or OUTPUT next to each component:**

1) Widnitor	()
2) Keyboard	()
3) Scanner	()
4) Trackball	()
5) Digital Camera	()
6) Laser Printer	()
7) Speakers	()
8) Mouse	()

#### **Question 6: Re-write the following sentences after correcting the errors:**

- 1) Floppy disk becomes not used widely because its capacity is low, about 600 MB and the appearance of other storing media that it has bigger capacity and less size.
- 2) Zip disk is considered as a way for data storing in the computer.
- 3) The monitor is from the input and output units in the computer because it is as a common factor.
- 4) The plotter is used in entering the pictures and drawing in the computer for processing them.
- 5) Ink Jet printer is considered the fastest and most accurate type at work





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#### **Question 7: Compare between laser printer and inkjet printer?**

Question 8: What makes a computer powerful?
1)
2)
3)
4)
Question 9: Complete the steps that explain how programs run.
1) The operating system receives commands from application.
2)
3)
Question 10: Complete with the suitable word:
(CPU - RAM - output units - information - input units)
When data is entered into the computer by one of, it is stored inmemory,
until this data is processed byand becomesand it output by one of





Question 11: What are the stages of data processing?
1)
2)
3)
Question 12: What are the benefits of using a network?
1)
2)
3)
4)
Question 13: What do you need to connect to the internet?
1)
2)
3)
Question 14: What is meant with "Multimedia"?
Question 15: State four uses for computer at home.
1)
2)
3)
4)





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<b>Question 16:</b>	<b>State five fields</b>	the com	puter is	used.
Question to.	State HVC Helas	tile coili	pater 13	uscu

#### Question 17: State the main parts of the complete computer system.

#### **Question 18: State examples of Humanware.**



Question 19: State types of data.

### Computer



1)	
2)	
3)	
4)	
	_
estion 20: State five types of comp	uters.
1)	
2)	
3)	
4)	
estion 21: State three INPUT and O	UTPUT units.
Input Units	Output Units
1)	1)
2)	2)
2)	2)





Question 22: State six storage units.
1)
2)
3)
Question 23: State five Software application
1)
2)
3)
Question 24: State four benefits of using the Networks.
1)
2)
3)
4)
Question 25: What is the difference between the Hyperlink and the URL?
1)
2)





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#### Question 26: Describe what happens when you open the web page

(www.google.com) in steps?	
1)	
2)	
3)	
4)	
Question 27: Mention three types of the	e web browsers.
1)	
2)	
3)	
Question 28: State the NAME of each o	f the following and state if it is INPUT
or OUTPUT unit.	
Total Contract of the Contract	
Name:	Name:
Туре:	Type :





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Question 29: When computers are be	etter than man?
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Question 29: When co	omputers are better than man!	
1)		
2)		
3)		
4)		
Question 30: when ca	n man be better than computer?	
1)		
2)		
Question 31 :Arrange the following steps to open WordPad:		
– WordPad	()	
– Start	()	
- Accessories	()	

(.....)

All programs





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### **Answer**

#### Question 1: Put $(\lor)$ or (x):

1) Computer is used in the activities requiring thought or creativity. Computers are used to record patient records and to perform medical researchers. ( $\checkmark$ Distant learning "E- learning" means that the computer explains the subjects for the students via internet and through the educational storing methods as CD. The "processing operation" is to perform arithmetic or logical operations. The use of the computer helps the doctors in diseases diagnosis. The computer can store different types of data. The personal computer (IBM) can use Macintosh's operating system that they are compatible together. **(×** (× ) Personal data assistant is called "Mainframe". Computer viruses develop continuously and become more dangerous than before.  $(\checkmark)$ 10) The utility programs are responsible for administrating all the computer tasks as administrating the work on the disks and files. **(** × 11) The software is the intermediate which delivers the users orders and requests to the computer hardware to understand and perform them.





12) Databases programs are used in the arithmetic equations and in displaying data in	1
graphs.	(*
13) There are programs for preparing the databases and others for writing letters and	text
but there aren't programs for audio or video playing.	(* )
14) The programmers create the programs according to the specifications which the	
computers programs engineers and systems analyzers had put.	<b>(✓</b> )
15) From the processes that may be called processing are classifying-calculating-storir	ng-
comparing-summarizing.	<b>(✓</b> )
16) Logic and arithmetic unit is used in controlling the data flow among the different p	arts
of the computer.	(*
17) CPU is called the (thinking part) in the computer.	<b>(✓</b> )
18) It is possible to use data before or after processing it.	(* )
19) The storing and retrieving processes of data can be done after processing it.	<b>(✓</b> )
20) When the electricity disconnects while running the computer, RAM save the data	in it
and nothing is lost.	(* )
21) Memory unit is divided into RAM and ROM.	<b>(✓</b> )
22) Hyperlink is connected to the information pages only and can't be connected to the	ıe
multimedia files as audio and video.	(* )





23) The image can be a hyperlink that one image can lead us to different URLs by divid	ing it
into arts and that is called "image map".	<b>(✓</b> )
24) "WWW" is considered as a little part of the internet and the both aren't the same.	<b>(✓)</b>
25) The web is a connection of two or more computers that should be in the same place	:e( <b>×</b> )
26) The site may contain several URLS.	<b>(✓)</b>
27) The computer is useful in dangerous situations.	<b>(✓)</b>
28) The data can be letters only.	(* )
29) A file is a set of data that has been given a name.	<b>(✓</b> )
30) The Human ware refers to the staff that develops software only.	(* )
31) The software is a set of instructions that order the computer to perform tasks.	<b>(✓</b> )
32) The monitor is considered hardware.	<b>(✓</b> )
33) The man is better than the computer in repetitive tasks.	(* )
34) A computer can be used in connecting with other institutes or schools.	<b>(✓</b> )
35) A complete computer system is formed of two parts Hardware and Software.	(* )
36) The computer manages the borrowing of books inside libraries.	<b>(✓</b> )
37) A computer used in mathematical calculation better than man.	<b>(✓</b> )
38) A computer used for sending messages to others by E-mail at home.	<b>(✓</b> )
39) A computer is not used in shops.	( <b>x</b> )





40) A computer can be used to make a scientific research.	<b>(✓)</b>
41) A computer processes data & gives us information.	(✓ )
42) A computer is used in hospitals and libraries.	(✓ )
43) A computer has better performance when the more RAI	M used. (✓ )
44) The Internet is the largest computer network.	(✓ )
Question 2: Write the scientific term of:	
1) Computer designed by IBM in 1981.	( <u>PC computer</u> )
2) Computer uses a different operating system and hardwar	e and software different from
IBM computers.	(-Macintosh computer)
3) Computer that can run by electricity or batteries.	()
4) Computer that can support many users at the same time	and is used in organizations and
institutes.	(Mainframe computer)
5) Organized instructions which show the computer the requ	uired tasks and when where to
perform them.	( <u>Software</u> )
6) A group of programs that may cause a problem for the co	mputer. ( <u>Viruses</u> )
7) A program that makes address books and mailing lists.	( <u>database</u> )
8) A program that tells the computer what to do, how and w	/hen.( <u>software</u> )





9) A group of programs, their task is to pr	rotect computer from viruses. ( <u>Anti-viruses</u> )
10) Is the raw material for information ar	nd consists of raw facts that can be organized into
files.	( <u>Data</u> )
11) Is the result of data processing proce	ss? ( <u>Information</u> )
12) Type of memory and when the comp	uter is turned off, all data is lost. (RAM-)
13) They create the programs that we us	e. (- <u>Programmers</u> -)
14) Unit in which data processing is done	e. ()
15) Is one or more web page that relate t	o a common subject. ( <u>Web sites</u> )
16) Programs used to view web pages on	the World Wide Web. ( <u>Web browsers</u> )
17) Indicates where the web page is store	ed on the internet. ( <u>URLS</u> )
18) A big collection of electronic docume	nts stored on computers called servers.( <u>The web</u> )
19) An electronic document written in a	computer language called HTML and can contain
text, graphics.	( <u>Web page</u> )
20) Methods which help in reaching the o	desired information easily from the internet.
	(- <u>Search</u> -)
21) It is the brain of the computer.	(Central Processing Unit or CPU)
22) An example of an output Unit.	(Monitor or Printer or Plotter or Speaker)





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- 23) Letters, numbers, pictures, and sound. (----Data or Information ----)
- 24) A set of instructions that order the computer to perform tasks. (--Software ----)
- 25) A central computer attached to a network where users on the network can save their files and information. (----<u>server</u> ---)
- 26) The Operating System used by PC. (-Microsoft Windows -)
- 27) An input unit used for playing games. (---<u>Joystick</u> ----)
- 28) A big and expensive printer like the photocopier. (--<u>Laser Printer</u> --)
- 29) Small and cheap printers. (---Inkjet Printers ---)
- 30) An example of Software. (-<u>Application / operating system</u> --)
- 31) Formed of web browser, connection to ISP, Server. (---<u>Web</u> ----)
- 32) One or more WebPages. (---<u>Website</u> -)
- 33) The Software used to access the World Wide Web. (----<u>Browser</u> ---)

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#### **Question 3: Choose the correct answer:**

- 1) A monitor is an example of (<u>hardware</u> software).
- 2) The person responsible for developing software is called (Producer programmer).
- 3) The software (can can't) be touched.
- 4) (Macintosh Mainframe) computer has different operating system than PC.





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- 5) The capacity of PDA is (smaller the same bigger) than PC.
- 6) A (<u>Server</u> Macintosh) is a central computer attached to a network.
- 7) The Macintosh computer costs (more less) than PC.
- 8) A Complete Computer System consists of (hardware– software Data and Information
  - Humanware all of them)
- 9) The (**RAM** ROM) is temporary storage.
- 10) The Hardware is the (<u>touchable</u> untouchable) parts.
- 11) A Byte is formed of (8 9) bits.
- 12) Gigabyte equals (1024 1042 1000) Megabyte.

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#### **Question 4: Complete the following**

- Data consists of <u>individual facts or bits of information</u>.
- 2) Data may be in the form of words ,numbers ,images ,sounds
- 3) A file is set of data that are collected together in location and has a given name.
- 4) Human ware refers to staff who deals with the computer and perform the following:
  - Maintain hardware Develop Design- operate and use
- 5) Information are processed data and can be used in the decision making.





- 6) Computer system consists of four main parts which are hardware(Device), Software(programs), Human ware, Data and information.
- 7) Printer is from Output units
- 8) Computer processor is known as <u>Central processing unit(CPU)</u>.
- 9) Computer components can be divided into <a href="Processor">Processor</a>, <a href="Memory">Memory</a>, <a href="input & output units & storage units">input & output units & storage units</a>
- 10) The device that can be used as output unit and input unit at same time is touch screen
- 11) Scanners is used to input drawing and pictures to the computer.
- 12) We can by use <u>touch screen</u>, <u>touch pad</u>, <u>track ball</u>, <u>light pen</u> to control the indicator without using the mouse.
- 13) Plotter is used in printing the complex designs and big pictures.
- 14) 1 GB equals <u>1024</u> MB.
- 15) Flash cards is from data storing units and is used in the digital cameras and mobiles.
- 16) Software is divided into operating system, applications, and utility programs
- 17) Software is responsible for <u>administrating all the tasks that the computer performs</u>
- 18) Spread sheets do the following: <u>storing financial information, using functions, make</u>

  <u>graphs</u>







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- 19) <u>PDF tools</u> is a program which deals with the text and pictures files on the internet and it is possible to print some texts and pictures by it sometimes.
- 20) By Utility programs, the disks can be formatted before using them in storing data.

#### **Question 5: Write INPUT or OUTPUT next to each component:**

1) Monitor	( <u>Output</u> )
2) Keyboard	( <u>input</u> )
3) Scanner	()
4) Trackball	( <u>input</u> )
5) Digital Camera	( <u>input</u> )
6) Laser Printer	( <u>Output</u> )
7) Speakers	( <u>Output</u> )
8) Mouse	(input)

#### **Question6: Re-write the following sentences after correcting the errors:**

- 1) Floppy disk becomes not used widely because its capacity is low, about 1, 4 MB and the appearance of other storing media that it has bigger capacity and less size.
- 2) Hard disk is considered as a way for data storing in the computer.
- 3) <u>Touch screen</u> is from the input and output units in the computer because it is as a common factor.





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- 4) The <u>scanner</u> is used in entering the pictures and drawing in the computer for processing them.
- 5) Laser printer is considered the fastest and most accurate type at work

#### **Question 7: Compare between laser printer and inkjet printer?**

<u>Aspects</u>	Laser printer	Inkjet printer
Accuracy	More accurate	Less accurate
Speed	Very fast	Slow
Price	Expensive	cheep

#### Question 8: What makes a computer powerful?

- 1) Reliability
- 2) Hard disk
- 3) Processor speed
- 4) Memory

#### Question 9: Complete the steps that explain how programs run.

- 1) The operating system receives commands from application.
- 2) The commands are sending to hardware to process it
- 3) The results are passed back up the chain of events to the user

\_\_\_\_\_





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#### **Question 10: Complete with the suitable word:**

(CPU - RAM - output units - information - input units)

When data is entered into the computer by one of <a href="Input">Input</a> it is stored in <a href="RAM">RAM</a> memory, until this data is processed by <a href="CPU">CPU</a> and becomes <a href="Information">Information</a> and it output by one of <a href="Output units">Output units</a>

#### **Question 11: What are the stages of data processing?**

- 1) Entering data by one of input unites.
- 2) Data processing by CPU.
- 3) Output the results by one of output units.

#### Question 12: What are the benefits of using a network?

- 1) Sharing resources as printers.
- 2) Sharing files & data
- 3) Fast diverging and effective communication.
- 4) Reducing costs, maintain the information privacy and saving time





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#### Question 13: What do you need to connect to the internet?

- 1) Computer
- 2) web browser program
- 3) connection to the server

#### Question 14: What is meant with "Multimedia"?

Those are audio, video or animation files.

#### **Question 15: State four uses for computer at home.**

- 1) Sending E-mails
- 2) Playing games
- 3) Browsing the internet
- 4) Word Processing

#### **Question 16: State five fields the computer is used.**

- 1) Education
- 2) Libraries
- 3) Healthcare
- 4) Offices
- 5) Shops





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#### Question 17: State the main parts of the complete computer system.

- 1) Hardware
- 2) Software
- 3) Human ware
- 4) Data & Information

#### Question 18: State examples of Humanware.

- 1) Maintain Hardware(Computer Engineer)
- 2) Develop Software (Programmer)
- 3) <u>Design(Designer)</u>
- 4) Operate and use(User)

#### Question 19: State types of data.

- 1) Words
- 2) Numbers
- 3) Images
- 4) Sound





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#### Question 20: State five types of computers.

- 1) Personal Computers
- 2) Mainframe
- 3) Servers
- 4) Macintosh
- 5) PDA (Personal Data Assistant).

#### **Question 21: State three INPUT and OUTPUT units.**

Input Units	Output Units
1) <u>Keyboard</u>	1) <u>Printer</u>
2) <u>Mouse</u>	2) <u>Plotter</u>
3) Digital Camera	3) Monitor

#### Question 22: State six storage units.

- 1) Hard Disk
- 2) Floppy Disk
- 3) Jazz Disk
- 4) Zip Disk
- 5) Compact Disk (CD)
- 6) Flash disk





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#### **Question 23: State five Software application**

- 1) Word Processing
- 2) Spread Sheets
- 3) Databases
- 4) Entertainment
- 5) Multimedia & graphics

#### Question 24: State four benefits of using the Networks.

- 1) Sharing files and data
- 2) Fast communications
- 3) Sharing resources such as printers
- 4) Reducing costs

#### Question 25: What is the difference between the Hyperlink and the URL?

- 1) The URL is an address of specific web page
- 2) The hyperlink is an image or text in the web page that hides an URL of another page and used to link the two pages.





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#### Question 26: Describe what happens when you open the web page

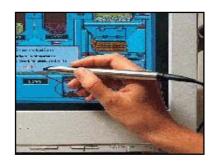
#### (www.google.com) in steps?

- 1) I write down the URL of the page in the address field (www.google.com).
- 2) The web browser sends a request to the web site server (Google server) asking for the page.
- 3) The server sends the page back to the web browser.
- 4) The web browser shows the page up to me.

#### Question 27: Mention three types of the web browsers.

- 1) Internet explorer.
- 2) Mozilla Firefox.
- 3) Opera

# Question 28: State the NAME of each of the following and state if it is INPUT or OUTPUT unit.



Name : <u>Light Pen</u>

Type: Input



Name: <u>Touch</u> <u>Screen</u>

Type: Input / output





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#### **Question 29: When computers are better than man?**

- 1) Repetitive tasks.
- 2) Easily automated tasks.
- 3) Mathematical calculations.
- 4) Dangerous situations.

#### Question 30: when can man be better than computer?

- 1) When performing an activity which needs thinking or creation.
- 2) Interacting and dealing with people.

#### **Question 31: Arrange the following steps to open WordPad:**

_	WordPad	( <u>4</u> )
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- Accessories (3)
- All programs (2)